In the claims:

1.   (currently amended) A secure data entry peripheral device configured as a secure keyboard device in a computer system <u>adapted for Internet communication</u>, said device comprising:

   means for at least one of entry, collection and reading of data information;

   controller means <u>comprising a public key algorithm</u> for encoding[/] <u>and</u> decoding said data information for presentation to the computer system <u>in a secure Internet communication format enabling dynamic exchange of system encryption keys;</u> and

   means associated with said controller for processing said encoded data information by performing thereon at least one operation amongst operations including encryption, decryption, data manipulation and non-volatile storage,

   said processed encoded data information being transmitted within the computer system as encrypted data, and later decrypted and decoded for use at a remote location,

   wherein said controller means is an encryption unit and said processing means comprises an electronic device capable of encrypting[/] <u>and</u> decrypting and storing data entered via said secure keyboard device,

   wherein said encryption unit and said electronic device are embedded within ~~siad~~ <u>said</u> secure keyboard device as a single integrated device,

2

and wherein said single integrated device
contains non-volatile memory.

2.   (previously cancelled)

3.   (previously cancelled)

4.   (previously cancelled)

5.   (previously cancelled)

6.   (previously cancelled)

7.   (previously cancelled)

8.   (previously cancelled)

9.   (previously cancelled)

10.   (previously cancelled)

11.   (previously cancelled)

12.   (original) The device of claim 1 wherein said single
       integrated device includes an internal EEPROM memory
       as an integral part of said device, which stores
       secure information.

13.   (original) The device of claim 1 wherein said single
       integrated device includes secure, protected
       encryption keys and data as an internal and integral
       non-removable element.

3

14. (original) The device of claim 1 wherein said single integrated device further comprises a secure command interpreter which operates to manipulate commands.

15. (previously amended) The device of claim 1 wherein said single integrated device comprises means for preventing unauthorized use of software programs.

16. (previously cancelled)

17. (previously cancelled)

19. (previously cancelled)

20. (previously cancelled)

21. (previously cancelled)

22. (currently amended) A method of providing secure data entry in a computer system adapted for Internet communication, said method comprising the steps of:

performing at least one of entry, collection and reading of data information via a standard data entry device configured as a secure keyboard device;

encoding said data information within said standard data entry device for presentation to the computer system in a secure Internet communication format enabling dynamic exchange of system encryption keys; and

processing, within said standard data entry device, said encoded data information by performing thereon at least one operation amongst operations including encryption, decryption, data manipulation and non-volatile storage,

4

said processed encoded data information being transmitted within the computer system as encrypted data, and later decrypted and decoded for use at a remote location,

wherein said encoding step is performed by an encryption unit and said processing step is performed by an electronic device capable of encrypting[/] and decrypting and storing data entered via said encryption unit,

wherein said encryption unit and said electronic device comprise are embedded within said secure keyboard device as a single integrated device, and

wherein said single integrated device contains non-volatile memory.

23.   (previously cancelled)

24.   (previously cancelled)

5